

S #	Updt	Database	Query	Time	Comment
<u>S25127</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	((PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES) and (cell or cells) adj5 (wall or walls) adj10 (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling) or (PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES) and (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling) adj15 (cell or cells) adj5 (wall or walls) and (alkali or alkaline or sodium hydroxide or sodium carbonate or sodium bicarbonate or pH (adjusting or adjusted) or ammonia or pH adj5 (8 or 9 or 10 or 11 or 12 or 13))) and (sulfonate or polyoxyethylene ether sulfate or anionic surfactant) and (agitation or mixing or coagulating or coagulation or coagulated or polyamine or modified starch or sodium polyacrylate)	2008-08- 01 11:38:26	

<u>S25126</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	((PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES) and (cell or cells) adj5 (wall or walls) adj10 (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling) or (PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES) and (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling) adj15 (cell or cells) adj5 (wall or walls)) and (alkali or alkaline or sodium hydroxide or sodium carbonate or sodium bicarbonate or pH (adjusting or adjusted) or ammonia or pH adj5 (8 or 9 or 10 or 11 or 12 or 13))	2008-08- 01 11:34:58
<u>S25125</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	((PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES) and (cell or cells) adj5 (wall or walls) adj10 (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling)) or ((PHA	2008-08- 01 11:31:45

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 or break or breaking or ultrasonic or
 ultrasonically or ball or mill or milling or
 high pressure or ball milling) adj15 (cell or
 cells) adj5 (wall or walls))

<u>S25124</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	((PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES)) and (cell or cells) adj5 (wall or walls) adj10 (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling)	2008-08- 01 11:31:26
<u>S25123</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	((PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES)) and (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling) adj15 (cell or cells) adj5 (wall or walls)	2008-08- 01 11:30:47

<u>S25122</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	((PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES)) adj15 (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling) adj15 (cell or cells) adj5 (wall or walls)	2008-08- 01 11:30:26
<u>S25121</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	((PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES)) adj15 (cell or cells) adj5 (wall or walls) adj10 (mechanical or mechanically or physically or break or breaking or ultrasonic or ultrasonically or ball or mill or milling or high pressure or ball milling)	2008-08- 01 11:27:59
<u>S25120</u>	<u>U</u>	PGPB,USPT, USOC,EPAB, JPAB,DWPI, TDBD	(PHA OR PHA'S OR POLYHYDROXYALKANOATE OR POLYHYDROXYALKANOATES OR HYDROXYALKANOATE POLYMERS OR POLYHYDROXYVALERATE OR POLYHYDROXYBUTYRATE OR POLYHYDROXYBUTYRATES OR POLYHYDROXYVALERATES)	2008-08- 01 11:15:48